

120

Project No. _____

Book No. _____

TITLE _____

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- used Max efficiency DH5 α ~~KL3~~ 101 & transform
- control puc 5 μ l = 50 pg } + 100 μ l of Competent
- 5 μ l of each U3G Rx }

$\begin{matrix} 30' & 4' \\ 45' & 42' \\ 2' & 4' \end{matrix}$
- add 900 μ l of ^{50c}competent cells and let
to express for 1 hr.
- plated control - diluted 1:10, 20, 50, 100 μ l

Test - un " 20, 50 & 100 μ l
- 100 μ l from each plated x 2
- Agouti counted them all. Amp - depletion resulting in

lab of satellite colonies - no
to score.
- According to Agouti in Mon treated the counts were 50 =
 Rest not much difference between balanced + ~~input~~ into
 reaction, ~~and~~ still more whites than (normal) earl
 this of mine.
- 10 fold increase in the present set of plates
 = 10% whites.
- plated a few more from each reaction for better
 accurate count. These plates were treated with 50 pg
 of fresh Ampicillin.
- prepared 100 of 100 mg/ml.

To Page 1

Witnessed & Understood by me,

Date 12/6/84

Invented by

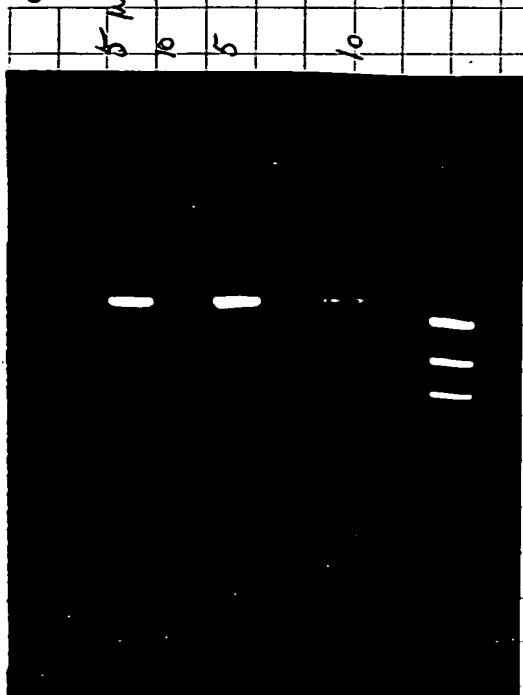
Date

12/6/84

Recorded by

SK. K. K. K.

Tag No.



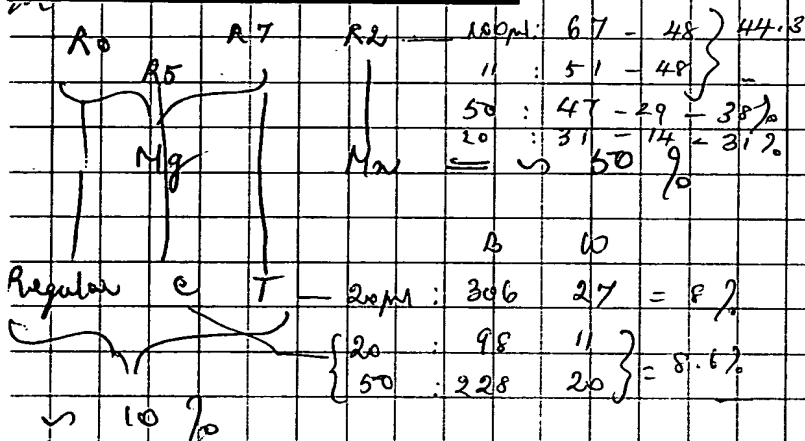
50 ng
30
20
10
5
2.5

- Agents did another reaction with Tag, different cycles & and 2 dif conc of target template, 5 pg and 50 pg with 10 primers & pvc

- # cycles: 10, 20, 35 & 40

- with 10 cycles no product in both conc of target

with 20 cycles, 5 pg target barely visible product 50 pg gave a faint amount which was quite visible



180 ml: 67 - 48 } 44.3
11 : 51 - 48 } -
50 : 47 - 29 - 38%
20 : 31 - 14 - 31%
50 : 50 %

both 5 & 50 pg, quite a good amount of product yield with 35 & 40 cycles. With 50 pg more than 5 pg & 40 cycles more than 35 cycles as expected.

Did transformation of all the products. more amp spread out 500 µl plate.

All with Tag.

Results: Colony % too low even at 35 & 40 cycles. But link % of colonies unexpectedly high even at lower # of cycles??

np: no problem - even in BPP plates satellite colonies with Rx at 100% with control something to do with the restriction + transformation
satellite yield did not correspond to # of colonies obtained?
o correlation between # of cycles and # of errors??

To Page No. _____

sed & Understood by me,

Date

Invented by

Dat

Recorded by

12/7/94

Dr. Silasamun